CLAIMS

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1 2	disorder upon	1. adminis	A vaccine comprising, in an amount effective to suppress an autoimmune stration to a human, attenuated T-cells.
1		2.	The vaccine of claim 1, wherein the autoimmune disorder is multiple
2	sclerosis.		
1 2	natural or synt	3. hetic m	The vaccine of claim 2, comprising T-cells cultured in the presence of yelin proteins.
1 2	expanding T-c	4. ells tha	The vaccine of claim 3, wherein the vaccine is prepared by selecting and t respond to myelin proteins.
1 2	peripheral mor	5. nonucle	The vaccine of claim 1, wherein the T-cells are derived from autologous ar cells.
1		6.	The vaccine of claim 1, wherein the T-cells are attenuated by irradiation.
1 2	before attenuat	7. tion.	The vaccine of claim 5, wherein the cultured, attenuated T-cells are frozen

1		8.	A method of mediating an immune response, comprising the step of
2	administering	attenua	ted T-cells to a human.
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1		9.	The method of claim 8, wherein the T-cells are derived from autologous
2	peripheral mo	nonucle	ear cells.
1		10.	The method of claim 8, wherein the T-cells comprise T-cells cultured in
2	the presence of	f natura	al or synthetic myelin proteins.
1		11.	The method of claim 10, wherein the T-cells are prepared by selecting and
2	expanding T-o	cells tha	t respond to myelin proteins.
1 2	irradiation.	12.	The method of claim 8, wherein the attenuated T-cells are attenuated by
1 2	protein.	13.	The method of claim 8, wherein the T-cells target more than one myelin
1 2	subcutaneousl	14. y.	The method of claim 8, wherein the T-cells are administered

1	15. The method of claim 8, wherein the 1-cells are administered in 4 to 6
2	week intervals.
1	16. The method of claim 8, wherein the T-cells are administered for
2	approximately 18 months.
1	17. The method of claim 8, wherein the T-cells are administered in a first
2	dosage of 30×10^6 to 80×10^6 attenuated T-cells.
1	18. The method of claim 17, further comprising more than one administered
2	dosage, wherein later dosages are increased if there is no clinical response to the first dosage, u
3	to the point of adverse reactions.
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1	19. The method of claim 17, further comprising more than one administered
2	dosage, wherein later dosages are increased if there is no clinical response to the first dosage, u
3	to the point of clinical response.
1	20. A vaccine comprising, in an amount effective to suppress multiple
2	sclerosis, upon administration to a human, attenuated T-cells, wherein the attenuated T cells are
3	prepared by;
1	outtowing outs located marinhand and an arranged to the first state of the state of
4 5	culturing autologous peripheral mononuclear cells in the presence of natural or
J	synthetic myelin proteins;
6	selecting and expanding T-cells that respond to the myelin proteins; and

attenuating the T-cells by irradiation.